



PRACTITIONER'S DOCKET No.: PET-004:CIP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	§	
JAMES B. CRAWFORD	§	EXAMINER:
AND EDWARD R. LAMB	§	
	§	
SERIAL No.: 10/691,309	§	ART UNIT: 3672
	§	
FILED: OCTOBER 22, 2003	§	
	§	
FOR: <i>THREE IN ONE COMBINED</i>	§	
<i>POWER UNIT FOR NITROGEN</i>	§	
<i>SYSTEM, FLUID SYSTEM, AND</i>	§	
<i>COILED TUBING SYSTEM</i>	§	

**PETITION TO THE COMMISSIONER  
UNDER 37 C.F.R. 1.153(e) and 37 C.F.R. 1.181**

The undersigned attorney for the Applicants respectfully petitions the Commissioner to grant the subject application a filing date of October 22, 2003 including Figure 11. As set forth in the enclosed Affidavit of Taras P. Bemko, the attorney for the Applicants filed via express mail under 37 C.F.R. 1.10, the complete application, and including 12 sheets of informal drawings (including Figs. 1-13, and specifically including Fig. 11). The submitted drawing sheets were consecutively numbered 1/12 - 12/12. The reference application was submitted with a return postcard, in conformance with MPEP §503, specifically listing twelve sheets of informal drawings. It is respectfully pointed out that "a postcard receipt which itemizes and properly identifies the items which are being filed serves as prima facie evidence of receipt in the USPTO of all items listed thereon on the date stamped thereon by the USPTO." *MPEP §503*. Further, it is respectfully pointed out that, in accordance with MPEP §503, a listing, on the return

postcard, of the number of drawing sheets is an acceptable listing and that if any items, listed on the postcard, are not being submitted to the USPTO those items will be crossed off and the postcard initialed by the person receiving the items. As evidenced by the enclosed stamped postcard receipt (Exhibit C of the enclosed Affidavit of Taras P. Bemko), there are no items crossed out nor initialed by the USPTO thus raising the presumption that all items, listed on the postcard receipt, including twelve sheets of informal drawings (which would include Fig. 11 (sheet 10/12)), was submitted to and received by the USPTO. A duplicate set of such drawings, as filed on October 22, 2003, is enclosed herewith for purposes of comparison. The duplicate set of drawings contains the serial number and filing date of October 22, 2003 for ease of identification by the United States Patent and Trademark Office. A stamped postcard receipt which itemizes and properly identifies the items which were filed, with the subject application on October 22, 2003, is enclosed to serve as prima facia evidence that twelve sheets of drawings were properly submitted. The Petition Fee of \$130.00 is enclosed herewith. Applicants respectfully request that the Petition Fee be refunded in view of the drawings having already been filed in this application on October 22, 2003.

**CERTIFICATE OF EXPRESS MAILING**

I certify that this document, attachments, and fee are being deposited on **May 10, 2004** with the U.S. Postal Service as Express Mail (No. EV 294298325 US) and is addressed to the Commissioner for Patents, PO Box 1450; Alexandria, VA 22313-1450.



MATT ROBINSON

Respectfully Submitted



Taras P. Bemko

Reg. No. 52,609

The Matthews Firm (Cust No. 021897)

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Houston, Texas 77027

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<i>COILED TUBING SYSTEM</i>	§	

AFFIDAVIT OF TARAS P. BEMKO

I, Taras P. Bemko, Registration No. 52,609, do hereby aver that:

1. I have personal knowledge of the contents of the package addressed to the United States Patent and Trademark Office and mailed via Express Mail No. EV294299003US on October 22, 2003, as evidenced by the Certificate of Express Mailing, a copy of which is attached hereto as Exhibit A;

2. The package of paragraph 1, above, included the drawings for this application having Figs. 1-13 (sheets 1/12 - 12/12) corresponding exactly to the drawings attached hereto as Exhibit B;

3. The date-stamped postcard receipt attached hereto as Exhibit C, specifically states that twelve sheets of informal drawings were in fact included in the package identified in paragraph 1 above;

4. The date-stamped postcard receipt, attached hereto as Exhibit C, contains no

crossed out items, no initials or any other markings which would indicate that any of the listed elements were not submitted with or not included in the package identified in paragraph 1 above;

5. The transmittal form attached hereto as Exhibit D, specifically its page 2 of 4, shows that twelve (12) sheets of informal drawings were in fact included in the package identified in paragraph 1 above; and

6. The Applicants thus complied with 35 U.S.C. § 113 in filing its drawings containing Figs. 1-13, and more specifically Fig. 11 and is entitled thereunder to a filing date of October 22, 2003.

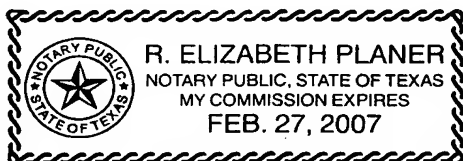
FURTHER AFFIANT SAYETH NOT.

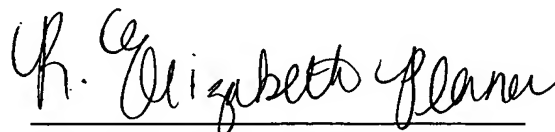
  
TARAS P. BEMKO

STATE OF TEXAS           §  
                                     §  
COUNTY OF HARRIS    §

Before me, a Notary Public, came on this date Taras P. Bemko, known by me to be the individual who executed the foregoing document for the purposes set forth therein.

SIGNED this 10<sup>th</sup> day of May, 2004.



  
NOTARY PUBLIC IN AND FOR  
THE STATE OF TEXAS

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **CRAWFORD, et al.**

Docket No.

**PET-004:CIP-2**

Serial No.

Filing Date

**October 22, 2003**

Examiner

Group Art Unit

Invention:

**THREE IN ONE COMBINED POWER UNIT FOR NITROGEN SYSTEM, FLUID SYSTEM, AND COILED TUBING SYSTEM****FILE**

I hereby certify that the following correspondence:

**Utility Patent Application Transmittal (Small Entity) and all documents referenced therein***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

**October 22, 2003***(Date)***Matt Robinson***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 294299003 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.****EXHIBIT****A**

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P06A/REV02

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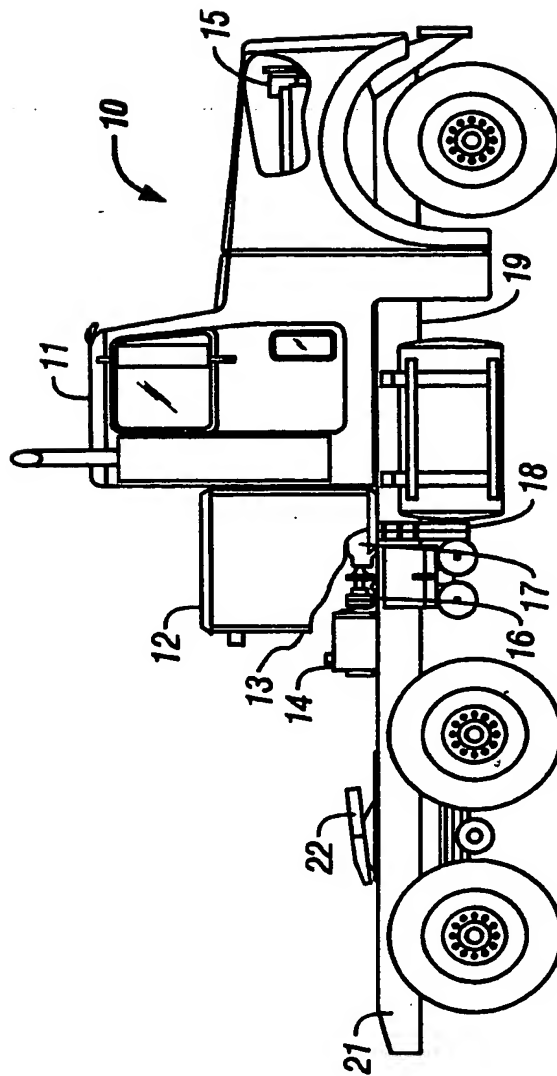


FIG. 1



2/12

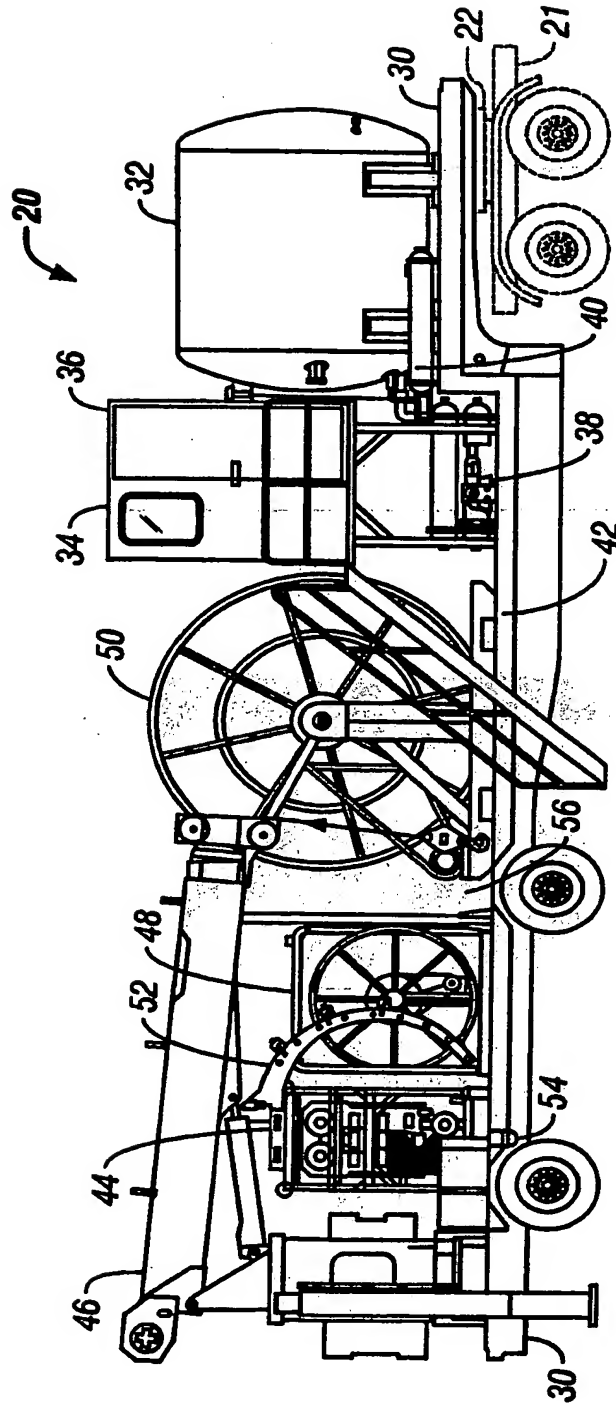


FIG. 2

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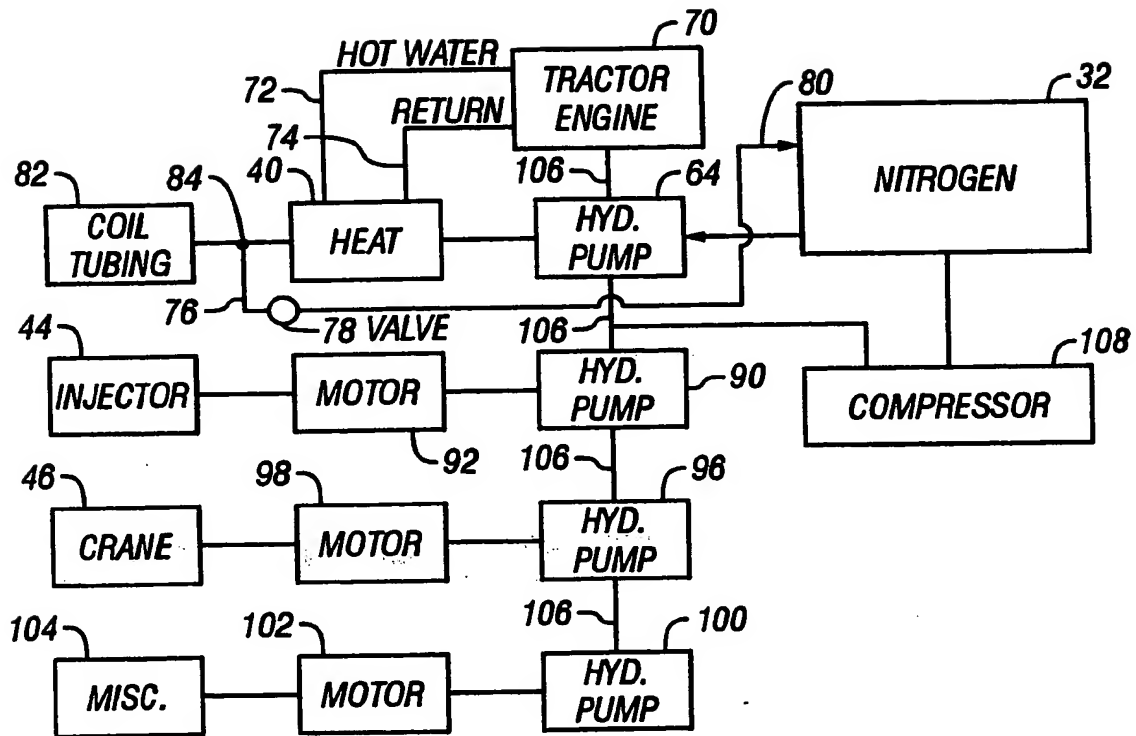
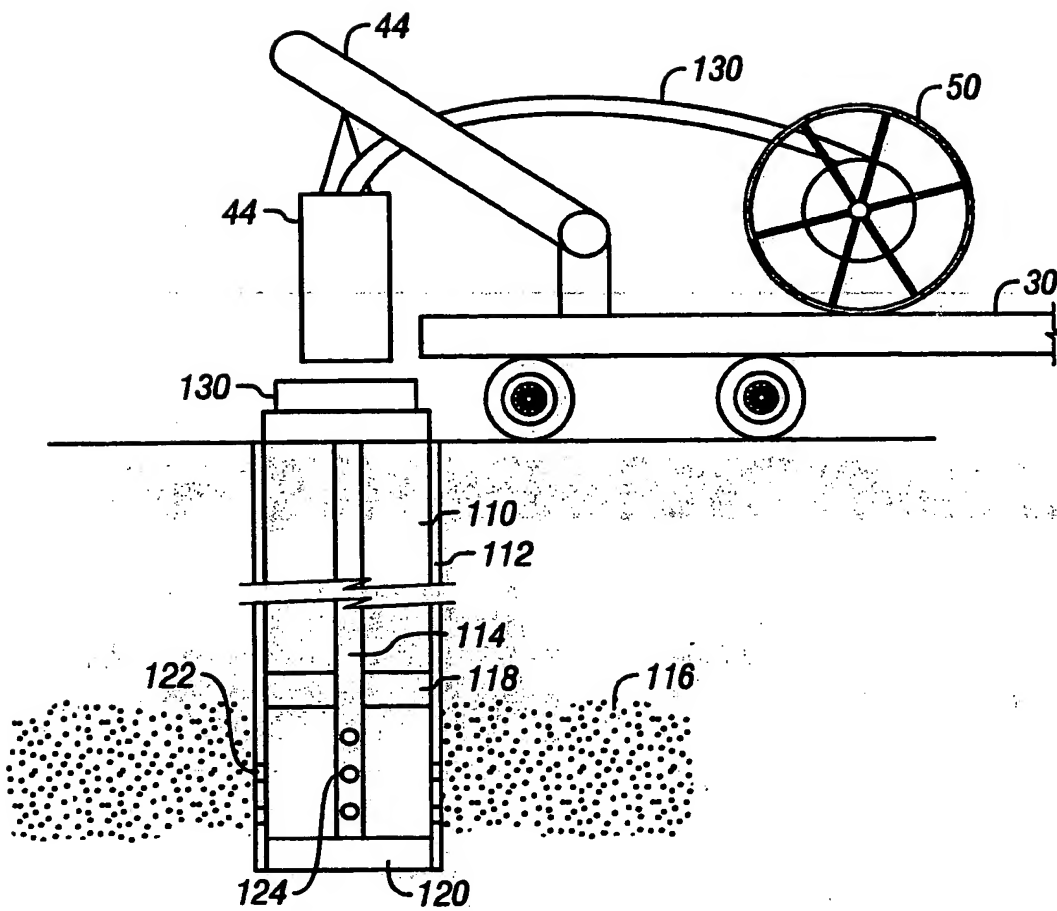


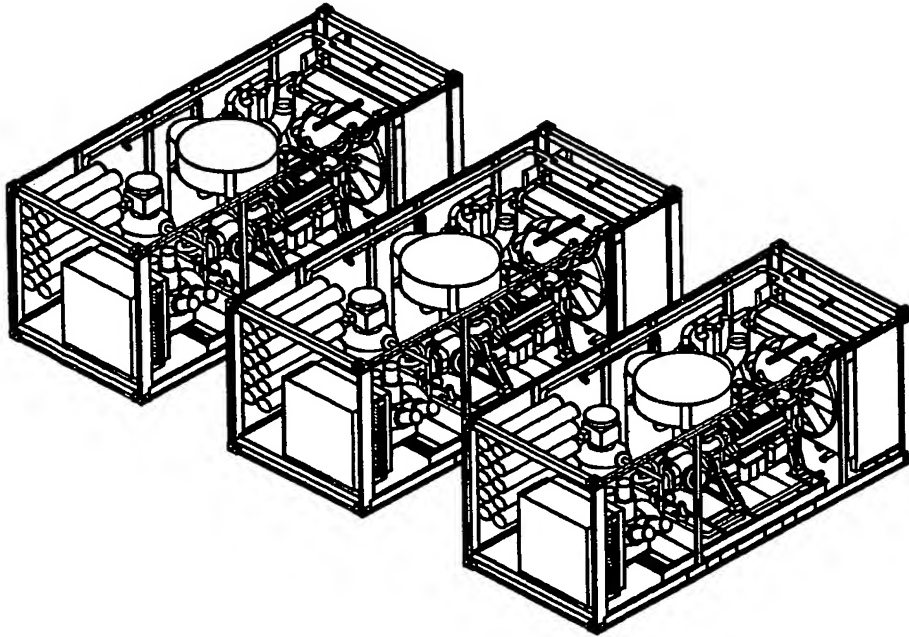
FIG. 3

4/12

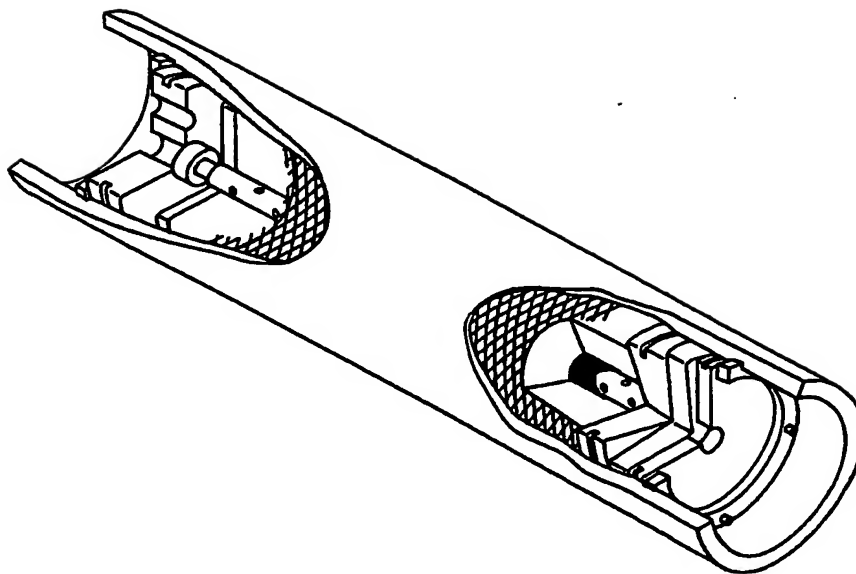


**FIG. 4**

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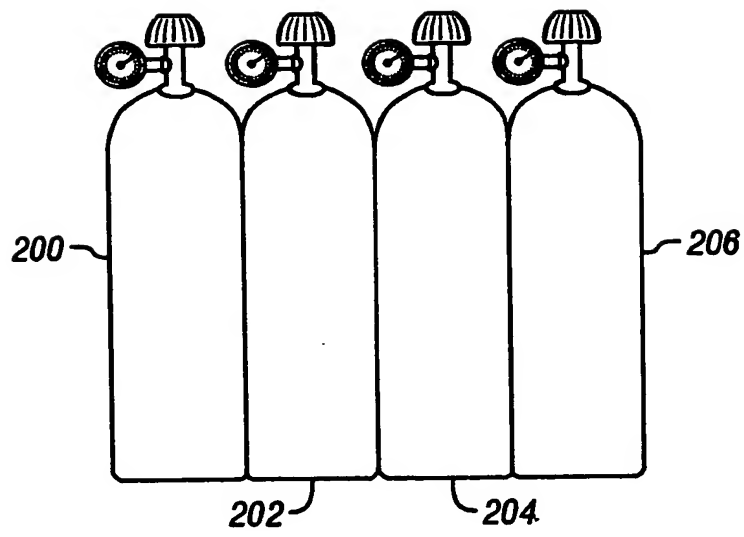


**FIG. 5**



**FIG. 6**

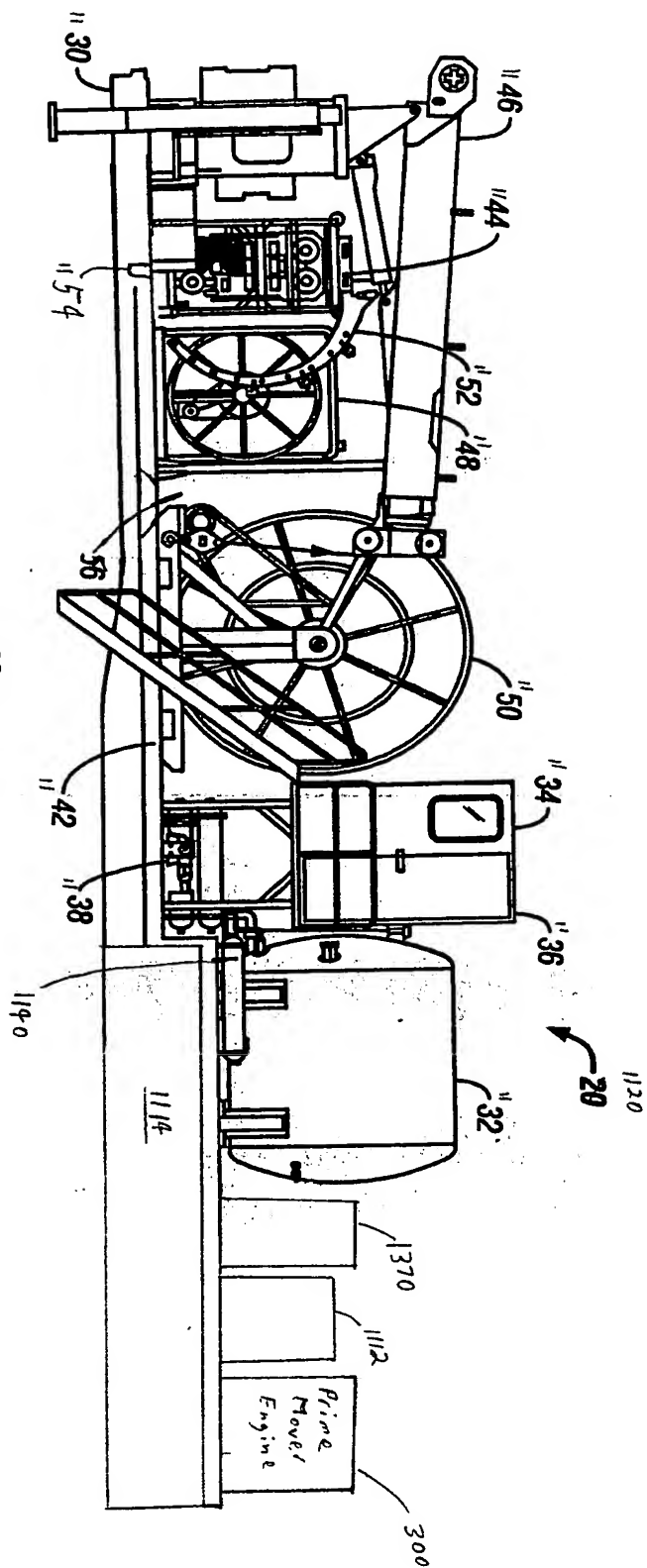
6/12



**FIG. 7**

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FIG. 8



# POWER UNIT SKID

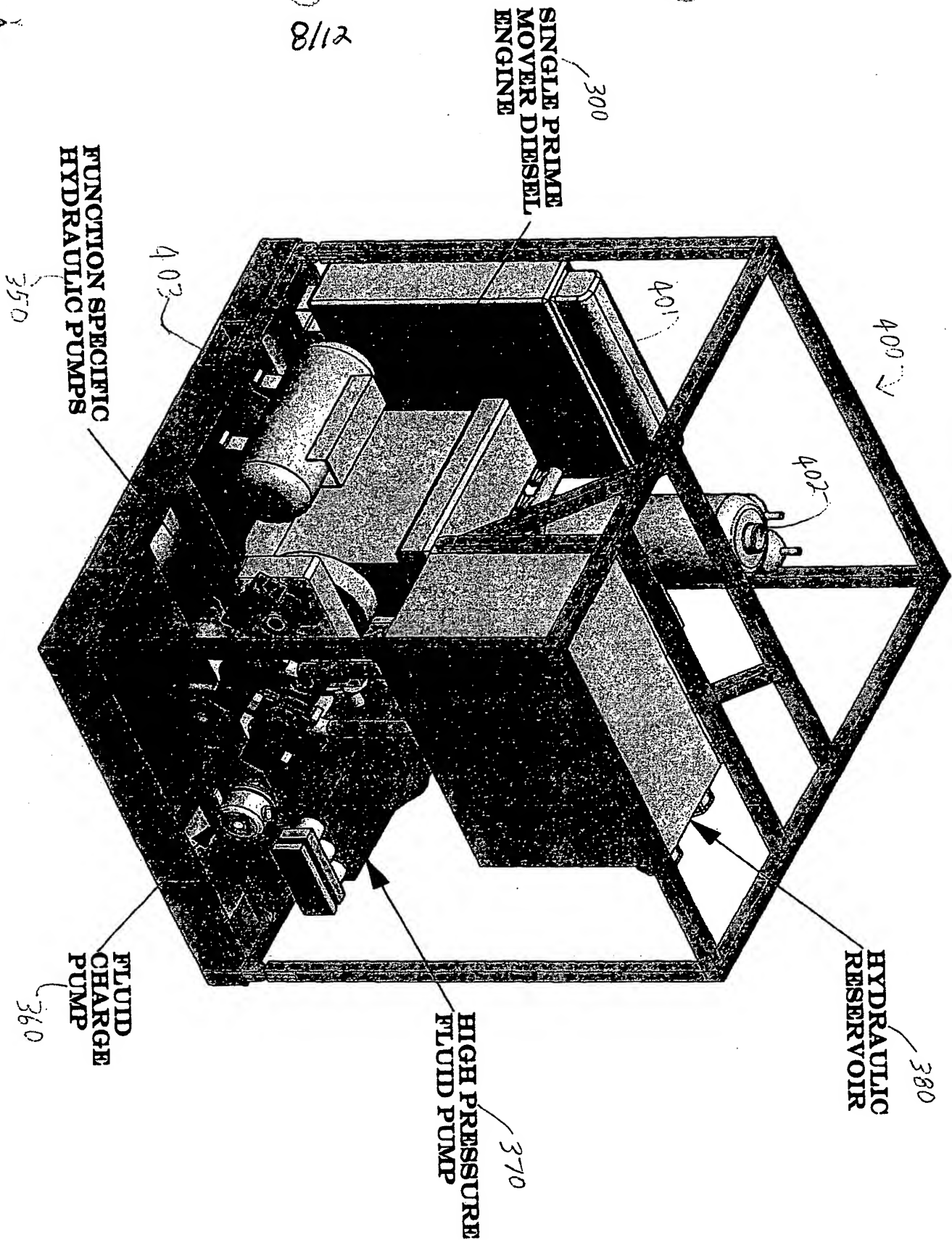


Fig 10

9/12

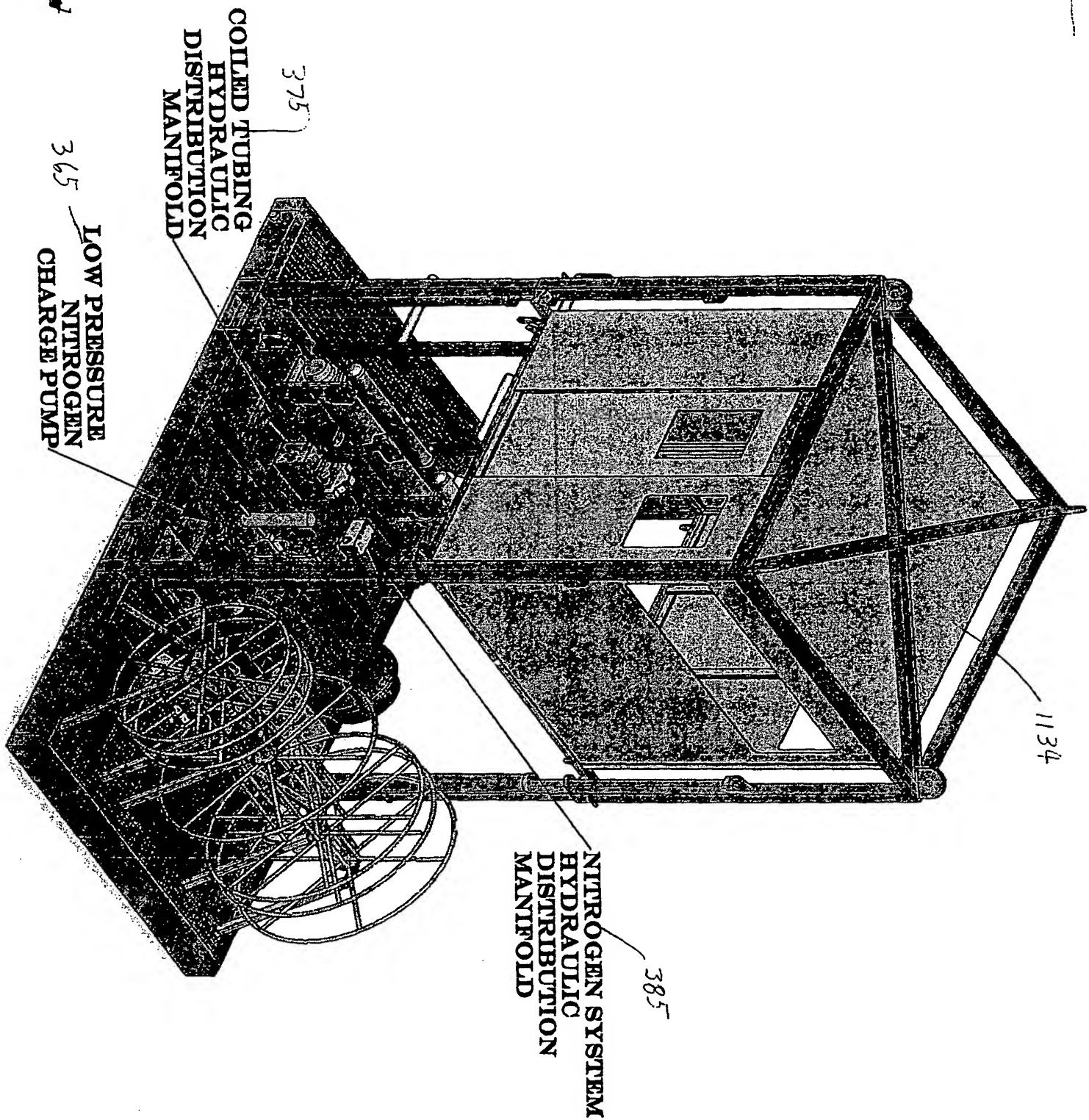




FIG 11

10/12

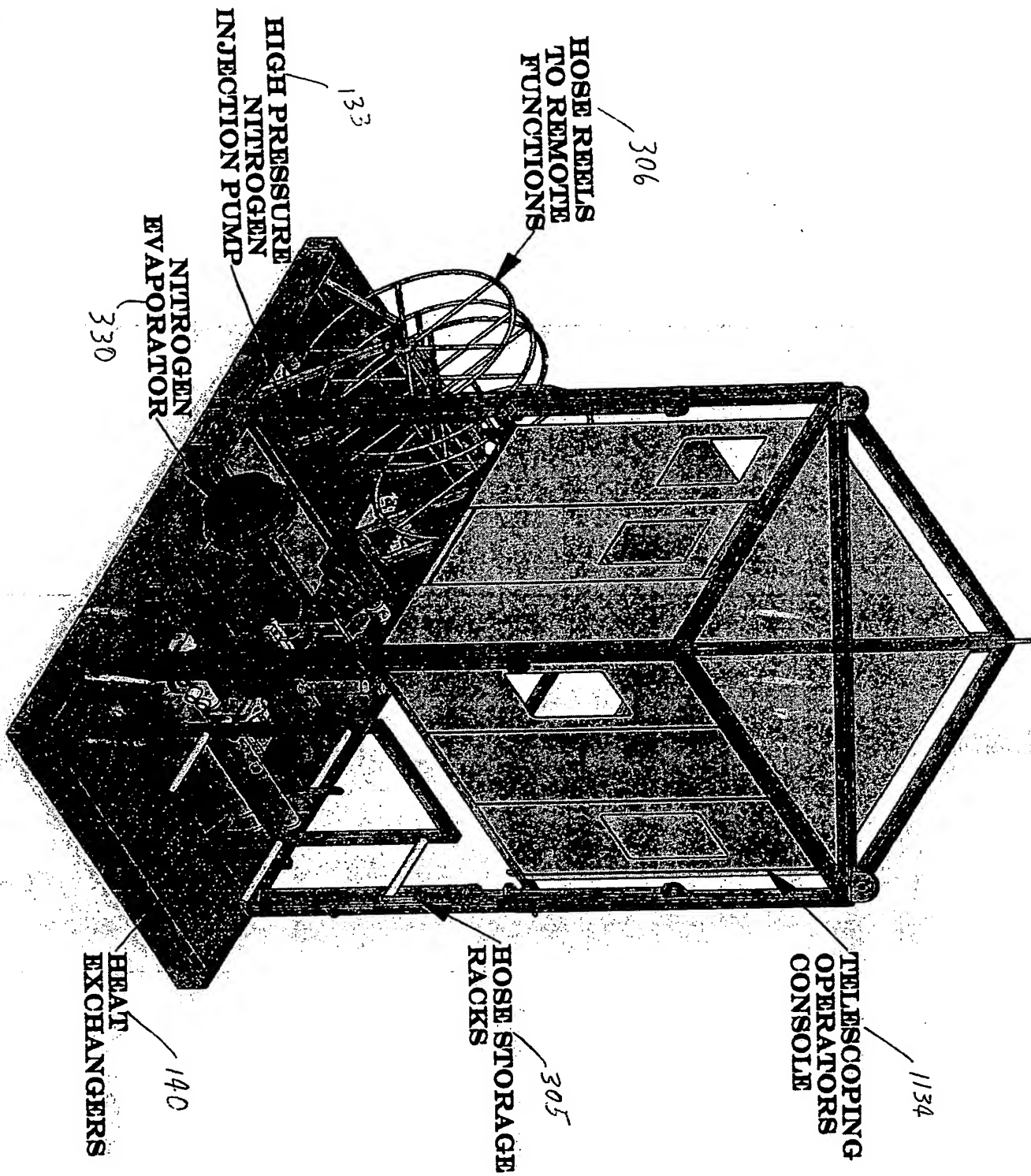
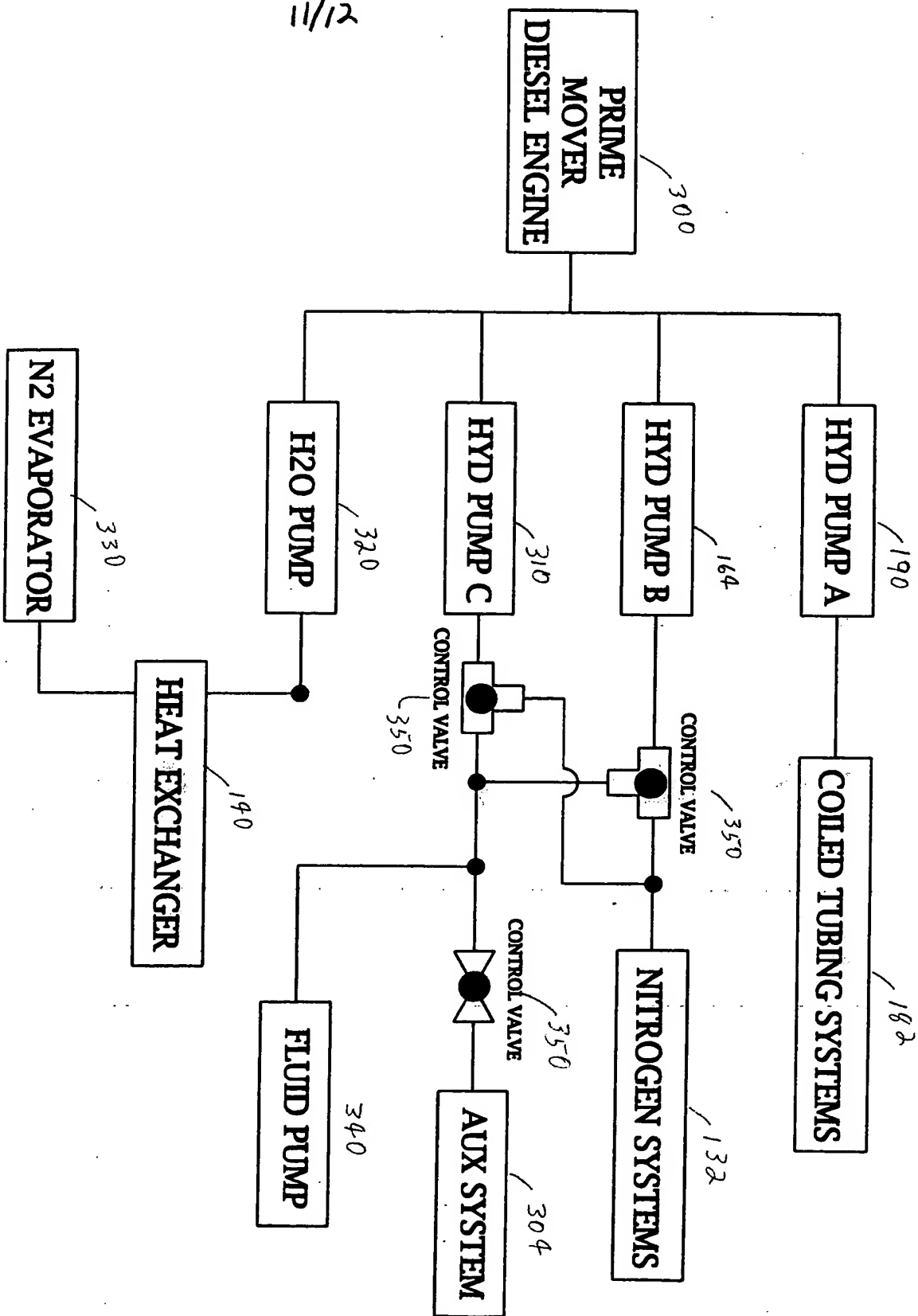


FIG 12



11/12

The diagram illustrates a hydraulic system for a crane. At the top, a power unit consists of an **ENGINE** (1170) connected to a **HYD. PUMP** (1106). A **HEAT** exchanger (1174) is connected to the engine via **HOT WATER** (1172) and **RETURN** (1176) lines. A **NITROGEN** accumulator (1132) is connected to the first pump (1106) via lines 1180 and 1164. A **COMPRESSOR** (1108) is connected to the nitrogen accumulator via line 1108. The first pump (1106) is connected to a **HYD. PUMP** (1190) via line 106. This second pump (1190) is connected to a **MOTOR** (1192), which is in turn connected to a **CRANE** (1146) via line 1198. A **HYD. PUMP** (1100) is also connected to the second pump (1190) via line 1106. This third pump (1100) is connected to a **MOTOR** (1102), which is connected to a **MISC.** (miscellaneous) component (1104) via line 11102. A **COIL TUBING** (1182) is connected to the first pump (1106) via line 1184. A **VALVE** (1178) is located on line 1176 between the heat exchanger and the injector. The **INJECTOR** (1144) is connected to the **CRANE** (1146) via line 1146.

**FIG. 13**

Applicant: Crawford, et al. Docket #: PET-004:CIP-2  
Serial #: Atty: TPB  
Filing Date: 22 October 2003 Card No.: 651  
Title: *Three In One Combined Power Unit for Nitrogen  
System, Fluid System, and Coiled Tubing System*

Encls.: Return Postal Card; Check # 17358, in the amount of \$595.00 [Utility  
Application Filing Fee (\$385), extra claims (~~\$9~~ x 9) and extra independent  
claims (\$43 x 3)]; Certificate of Express Mailing Label No. EV294299003  
US); Utility Patent Application Transmittal; Declaration and Power of  
Attorney; and Utility Patent Application [w/ twelve sheets of informal  
drawings].

22388 U.S. PTO  
10/691309



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EXHIBIT

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# UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
PET-004:CIP2

Total Pages in this Submission

## TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application

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**FILE**

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**THREE IN ONE COMBINED POWER UNIT FOR NITROGEN SYSTEM, FLUID SYSTEM, AND COILED TUBING SYSTEM**

and invented by:

**CRAWFORD, et al.**

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 10/127,092

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 26 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e. ☒ Background of the Invention
  - f. ☐ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

**EXHIBIT**

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**D**

# UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
PET-004:CIP2

Total Pages in this Submission

## Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☐ Formal Number of Sheets \_\_\_\_\_
- b. ☒ Informal Number of Sheets 12
4. ☒ Oath or Declaration
- a. ☐ Newly executed (original or copy) ☒ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a. ☐ Computer Readable Form (CFR)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Specify Label No.): EV 294299003 US

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Small Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
**PET-004:CIP2**

Total Pages in this Submission

**Accompanying Application Parts (Continued)**

17. ☒ Applicant claims small entity status. See 37 CFR 1.27.

☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted: \_\_\_\_\_

18. ☐ Additional Enclosures (please identify below):

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

19. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Small Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
PET-004:CIP2

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**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	29	- 20 =	9	x \$9.00	\$81.00
Indep. Claims	6	- 3 =	3	x \$43.00	\$129.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$385.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$595.00

- ☒ A check in the amount of \$595.00 to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 13-2166 as described below.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: 10/22/03

  
Signature

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cc: